

### ABSTRACT

A method of dynamically determining a modulus of elasticity of a moving web material using web tensions and web velocities. The tension and velocity of a moving web are determined in a first span. The tension and velocity of the moving web are also determined for the moving web in a second span. A value analogous to the modulus of elasticity of the moving web may then be determined according to the tension and velocity values for the moving web in the two spans.